Easy Summer Recipes • *Page 30*

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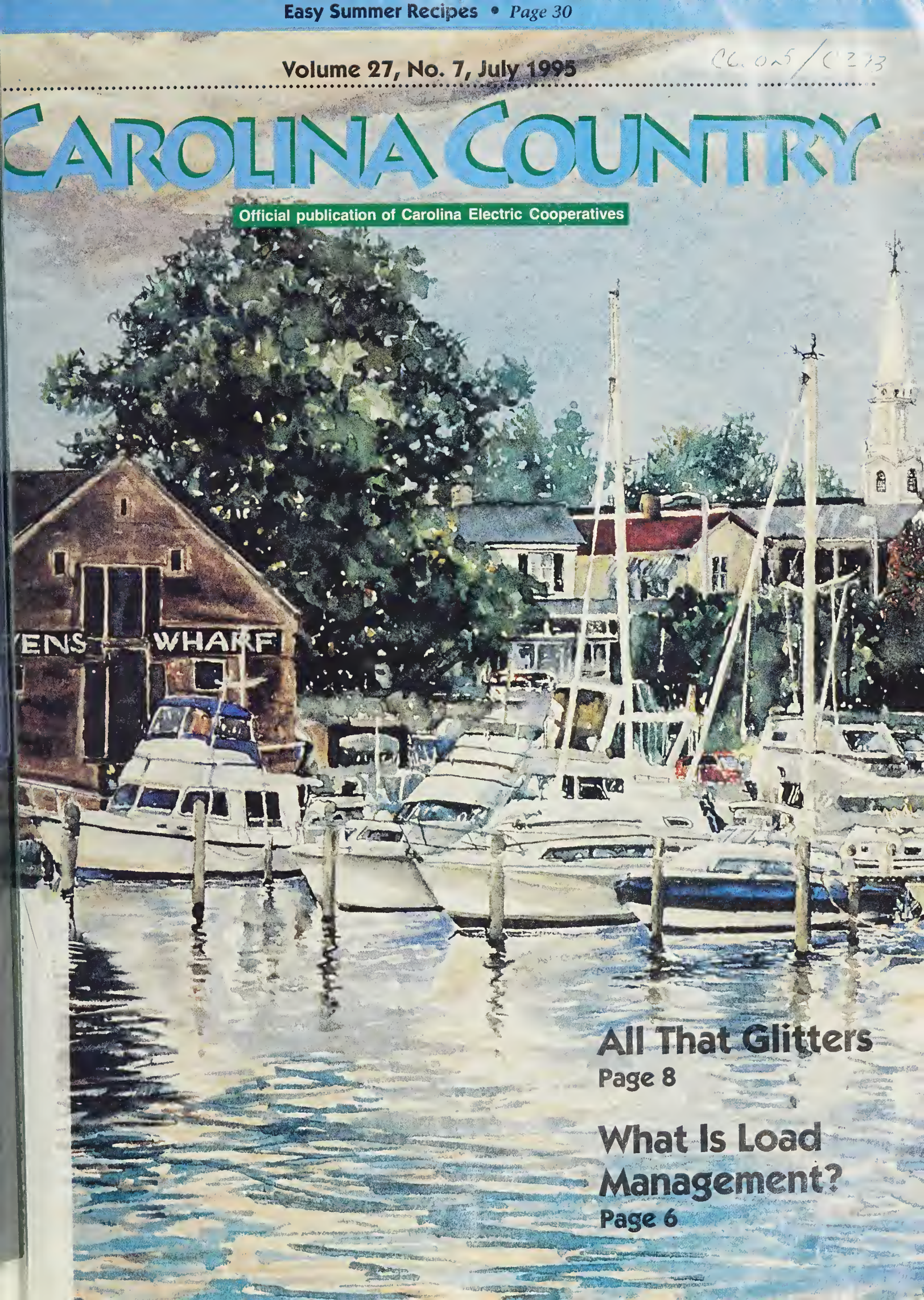
Volume 27, No. 7, July 1995

CAROLINA COUNTRY

Official publication of Carolina Electric Cooperatives



All That Glitters

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What Is Load Management?

Page 6

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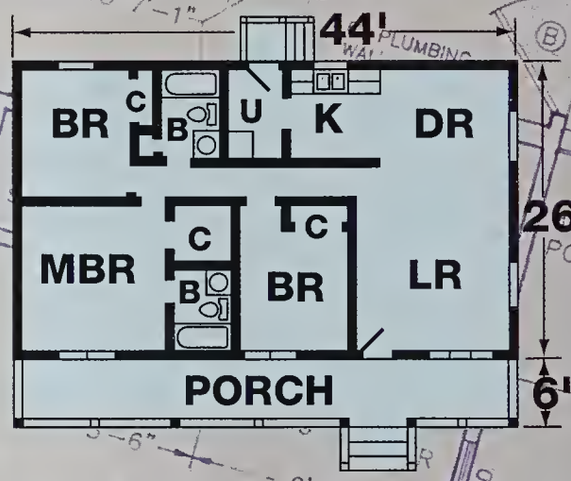

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(ISSN 0008-6746)
Read monthly in more than 350,000 homes
Volume 27, No. 7, July 1995

Official Publication
Carolina Electric Cooperatives

Carolina Electric Cooperatives is the network of electric cooperative organizations that provides reliable, safe and affordable electric service to 650,000 homes, farms and businesses in North Carolina. At the heart of Carolina Electric Cooperatives are the state's 28 electric cooperatives, each member-owned, not-for-profit and overseen by a board of directors elected by the membership.

Manager, Corporate Communications
Jay Johnson

Editor
Michael E.C. Gery

Special Projects Editor
Owen Bishop

Business/Advertising Coordinator
Monica Russell

Graphic Designer/Artist
Katherine Fowler

Staff Writer
Kim Whorton

Advertising Sales
Jennifer Boedart Hoey

Member
Audit Bureau of Circulations

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CAROLINA COUNTRY

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On the Cover

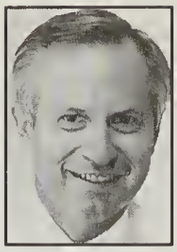
Cover shows detail from the watercolor painting "Washington, N.C." by Jeffrey A. Jakub. The Washington artist has made a limited edition print. Image size is 8½ by 24 inches. Suggested framed print measures 13 by 28 inches. A portion of proceeds from sales benefits the Beaufort County Arts Council. Unframed prints are $36 plus tax and shipping (credit cards accepted) from Beaufort County Arts Council, P.O. Box 634, 108 Gladden St., Washington, NC 27889. (919) 946-2504. Framed prints ($85 plus tax and shipping) are available from Jeffrey Jakub, 104 Forecastle Court, Washington, NC 27889. Phone: (919) 946-2811.

Letters and Comments

Our Internet address: 75471.2247@ compuserve.com

What Do You Think?

Send us a letter or a fax about our articles or the good work of your electric cooperative. We will publish what space allows. Messages should be brief and must include your name and telephone number (for our verification only). All are subject to editing. Our address is Carolina Country, P.O. Box 27306, Raleigh, N.C. 27611. The fax number is (919) 878-3970.



Promoting common sense in Washington, D.C.

By Glenn English

How would you feel if your representatives in Congress voted to raise your monthly electric bill? Every single month you could be paying higher bills because of one vote in Congress.

While the final decisions haven't been made yet, some in Congress have, unfortunately, moved in the direction of raising your monthly electric bill. How could they do this? There is a proposal in Congress to sell the nation's hydroelectric power marketing administrations (PMAs) to the highest bidder. The PMAs sell electricity generated by a system of federally owned hydroelectric plants like Grand Coulee Dam in Washington State to consumer-owned electric utilities who, in turn, sell the electricity to their customers — you and me. If the PMAs are auctioned off to the highest bidder, electric rates would be forced up making nearly 50 million people pay more for electricity.

Consumers, however, have many friends in Congress. Our friends are working very hard in their battle to protect consumers. The U.S. Senate took an important test vote on the PMAs in late May. Consumers won that vote with 64 senators voting to oppose the sale and higher electric rates.

In the U.S. House of Representatives, however, the situation is not as good. That is where the most damaging proposals to sell the PMAs are being put together. Some of the proposals — if they were to become law — could make some electric bills go up 100 percent or more. That outcome would be devastating to tens of millions of hard-working American families.

Already tens of thousands of cards, letters, and phone calls opposed to these electric rate increases have flooded Congressional offices. They are making a difference — the vote in the U.S. Senate last month is a clear indication of that. But the battle is not yet over — the next several months will be critical. Your elected representatives in Washington need to know how you feel about the proposals to raise monthly electric bills. Write to Congress and talk to your representatives. Tell them that you don't want your electric bill increased.

You can write to your U.S. Representative at the U.S. House of Representatives, Washington, DC 20515. You can write to your Senators at the U.S. Senate, Washington, DC 20510.

Glenn English is executive vice president and general manager of the National Rural Electric Cooperative Association.

Response to May magazine

We received many comments about the special May edition of Carolina Country that featured North Carolina's diverse attractions for visitors and residents.

That magazine was our first attempt at a comprehensive look at North Carolina as a travel destination. Most response was gratifying. Teachers, visitor centers and economic development offices (including one in China), among others, sent us compliments. We are encouraged to publish something similar next year.

Unfortunately, we failed to recognize fully the attractions of Ashe and Martin counties. We apologize sincerely. The omissions were not intentional, and neither were any other omissions and errors.

We intended the May magazine to emphasize the opportunities that exist in all parts of North Carolina. With your help and understanding, next year's special edition will be even better.

– Michael Gery

Corrections

Carolina Country regrets publishing any incorrect phone numbers.
The phone number for the Boone Chamber of Commerce is (704) 264-2225.
The phone number for the Blue Ridge Parkway Visitor Center is (704) 271-4779.

rom 4th graders

The May issue of Carolina Country as ideal for our North Carolina studies. hese articles pointed out the main facts e have studied all year about the state's gions. We are proud to live in North arolina and even prouder that you rought our studies to life. Thank you for nding us the issue.

Signed by
Carol Beck and 28 fourth graders
Southwood Elementary; Lexington

rom 8th graders

The eighth grade social studies teachs at Farmville Middle School greatly preciate the classroom set of your May 995 issue. We have already used them r a class activity during which our stunts prepared travel brochures to various ints in our state. It was both interesting d fun.

Judy R. May, Farmville Middle

emoved from Charlotte

As a lifetime resident of Lincoln County, was dismayed by your inclusion of ncoln County in the "Greater Charlotte" ction [May 1995.] We are not a suburb Charlotte. Our ties are commercially ked to Gaston County and Catawba unty. Few people here like driving to harlotte for anything short of an emerncy.

Thanks to the proximity of Charlotte, ncolnton is becoming more infested th drugs, crime, violence and pollution. at's why we live here: to get away from that. Unfortunately, I and other "babyomers" in Lincoln County will not be le to live out our rural lives in peace.

I am aware of the few positive benefits m Charlotte's closeness, but most of e things we want and need can be and gotten from Hickory and Gastonia. e do not consider Mecklenburg County's velopment to be "progress" with respect quality of life.

Linda S. McGinnis, Lincolnton

ardening questions

I enjoy reading Hank's Gardening ide each month. I have a couple questns. Can rhododendrons be cut back? If how much and what time of year? o, how can the pH be raised in topsoil?

Sue Clanton
1326 Mocksville Hwy.
Statesville, N.C. 28677

Humor strikes again

We enjoy Carolina Country and especially liked "Appalachian Humor Strikes Again!" [April 1995]. I have many copies of Carolina Country that I have kept all down through the years.

Stacy Thomas, Clemmons

In search of apple relish

I have been looking for a sweet apple relish recipe. Maybe a Carolina Country reader can share one with me.

Rosa Allen
172 Markwood Dr.
Lexington, NC 27292

Thanks for the doughnuts

I would like to thank all those who sent me doughnut recipes ["Letters," May 1995]. I received so many I could not thank each one personally.

Frances Nichols, Millers Tavern, Va.

Thanks, Mr. Lineman

This all started before my time, a little thing called the electric line. We see them hanging for miles around, over hills and plains across the ground. Through dreadful weather or beautiful snow, we can often wonder how far they go. In the city or a small little town, this line will enhance their radiant crown. Thanks, Mr. Lineman, I can truthfully say, I'm glad you're here both night and day. Many thanks to you who take the time to sincerely maintain the electric line.

Roy T. Lowe, Moravian Falls

Ashe overlooked

It was with real distress that I read the May issue and found that Ashe County, known for its beauty and attractions, was not mentioned. Although Blue Ridge Electric serves our area, you chose to ignore it and thus did a disservice not only to Ashe County, but to all of your readers. I would expect, at the least, a special supplement as a follow-up, focusing on Ashe County, its beauty, attractions, festivals and events.

Beth Saylor, West Jefferson

We apologize for the inadvertent oversight. We know and appreciate Ashe County. Regularly, Carolina Country publicizes events that take place there. We recently published articles about the development of the Ashe Civic Center, the Ashe Action Agenda, and Christmas in July.

CAROLINA COUNTRY CLASSIFIED ADS

Introducing Carolina Country Classifieds

Beginning in the August magazine, Carolina Country will carry classified advertising. We receive inquiries regularly about classified ads, mostly from individuals and small businesses. After conducting research on the idea, we decided to offer these ads as a service to readers and small-scale advertisers.

The general guidelines are as follows:

Rates are $2 per word ($20 minimum per ad). Limit two ads per month per advertiser. Payment must accompany order. Make checks and money orders payable to Carolina Country. No refunds. Carolina Country reserves the right to edit and refuse any ad. No "personals" accepted. Deadline is the 25th of the month. For example, deadline for September is July 25.

For information, call Jennifer Boedart Hoey at (919) 713-1307. No classified ads will be accepted by phone.

Send order, payment and message to Carolina Country Classifieds, P.O. Box 27306, Raleigh, NC 27611.

Headings: Animals & Pets, Buildings, Business Opportunities, Cooking & Food, Crafts & Collectibles, Education, Employment, Farm & Garden, For Sale, Gift Ideas, Health Care, Miscellaneous, Outdoors, Professional Services, Publications, Real Estate, Technology, Travel, Vehicles & Boats, Wanted.

Peak Load Management

A Guide for Members of North Carolina's Electric Cooperatives

Since 1984, North Carolina's electric cooperatives have operated a Peak Load Management program designed to keep electric rates low for consumers. The program is considered one of the best in the nation.

One reason for the praise is that the program works. Since introducing load management, the state's electric cooperatives have saved more than $100 million by controlling the demand for electricity.

Carolina Country publishes here an easy-to-understand description of the Peak Load Management program. Readers interested in joining the program should contact their electric cooperative.

What is peak load management?

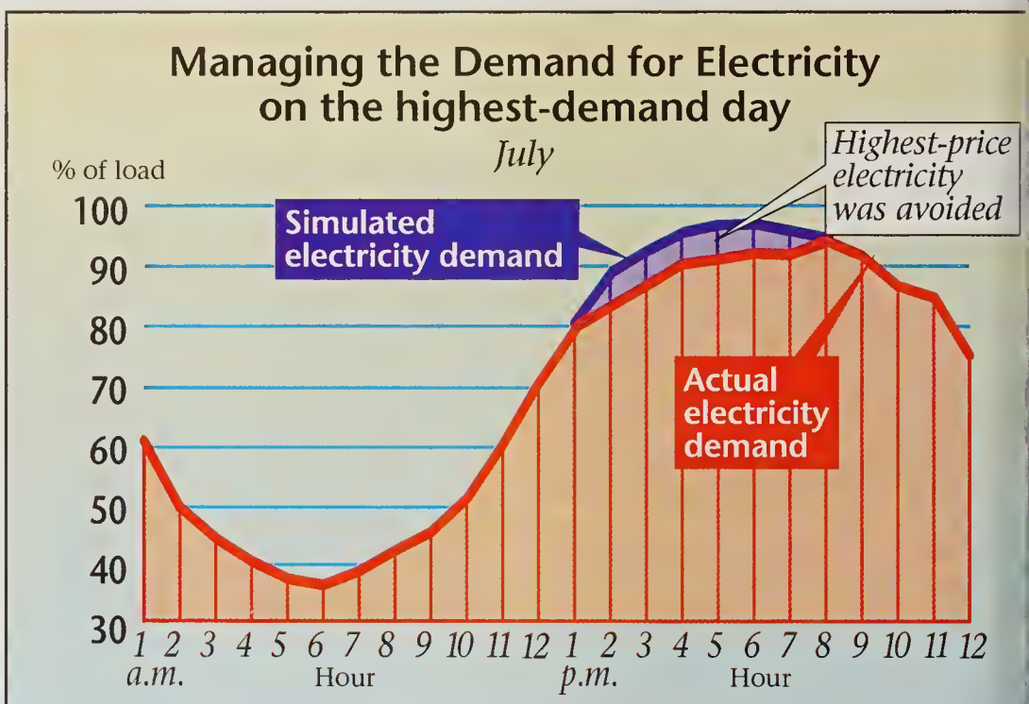
It is a program to help keep electric rates as low as possible by reducing the demand for electricity at times when its price is highest. "Peak Load" refers to the highest amount of electricity required on a given day. "Management" refers to the program of controlling and reducing the demand.

How does it keep rates low?

The wholesale price of electricity is highest when consumer demand is highest. Electric utilities, including North Carolina's electric cooperatives, pay premium rates for power at these peak times. To keep rates to consumers low, the co-ops try to reduce as much as possible the amount of electricity their consumer-members require at the more expensive peak times.

When are the peak demand times?

They vary according to the season of the year and the weather. On a hot summer weekday, for example, the peak in North Carolina can occur in late afternoon when many homes and businesses are using air cooling systems. In winter, the peak could occur around 6:30 a.m. when people are getting ready for the day, using lights, heating systems and hot water.

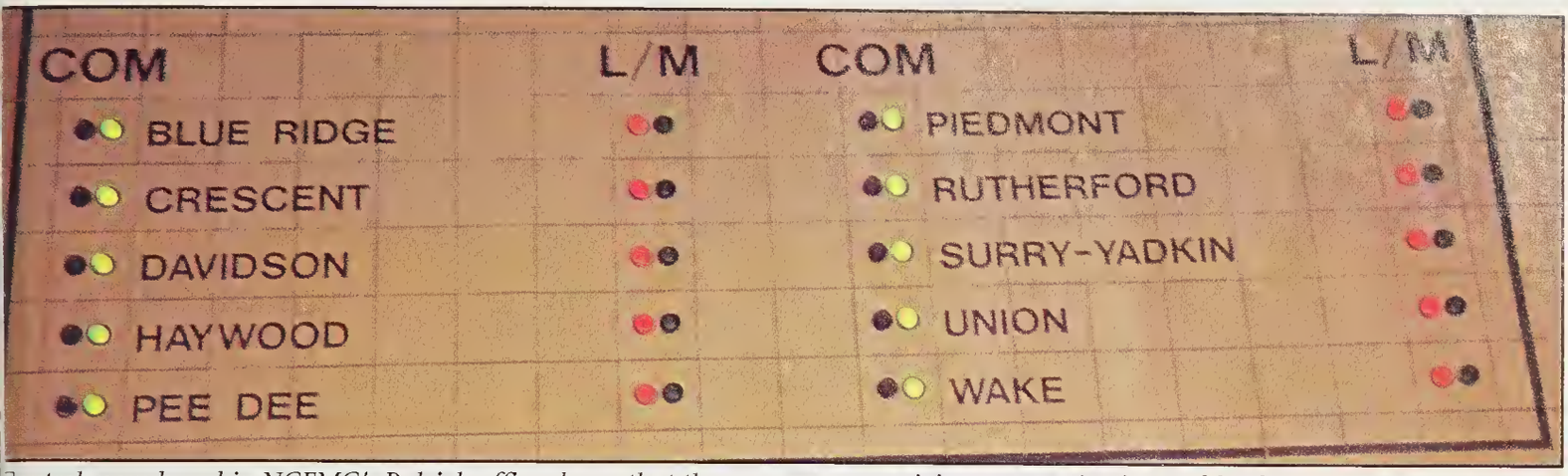


Because of load control programs, North Carolina's electric cooperatives' highest demand for power in July was less than what would have occurred otherwise. As a result, the price of power was lower than it would have been.

How can the co-ops control the demand for electricity during the peak times?

The Peak Load Management program for homes uses remote-controlled switches, operated by radio signals, that manage operation of electric water heaters, heat pumps central air conditioners and electric thermal storage systems. These load managemen switches can effectively interrupt the flow of power to a water heater, for example, fo a few hours during the peak demand period, then resume power flow to the water heater. The switches can similarly control operation of a heat pump, central air cond tioner and electric thermal storage system. When those controlled appliances are not drawing power, the demand for electricity (and the price of that electricity) is lessene

The program for businesses is different. Co-ops work with businesses that use a lo of power, such as manufacturing industries and large farms, to reduce their use of ele tricity during peak demand periods. Some businesses arrange their hours of operatio in order to avoid power demand during peak periods, others use independent genera tors to make their own electricity during those periods. The businesses benefit because, like households, they use electricity when it is less expensive.



Control room board in NCEMC's Raleigh office shows that these co-ops are receiving communication and load management.

Do all co-op members have load management switches?

No. About 30 percent of all accounts served by North Carolina's electric cooperatives have the switches. Some co-ops do not install the switches without a specific request; others give switches to all new members unless they are declined. But co-ops do encourage the use of load management switches as a money-saving measure.

Why would I want a load management switch?

You will pay less for electricity if you have one than if you don't. As more households install them, there is a greater opportunity to keep rates low systemwide.

Also, most co-ops offer incentives, such as credits on electric bills, to members who ask for the switches to be installed.

Will I notice any difference in how my appliances work if I join the Peak Load Management program?

You will notice very little effect.

Hot water heaters are controlled for about two hours on winter mornings and four to six hours on summer afternoons, usually no more than five days per month or 180 hours per year. Most water heater tanks are insulated so that water can stay hot enough to use during those controlled times.

Heat pump air conditioners are controlled for varying periods of time, usually no more than 20 minutes during a peak demand hour. In summer, that 33 percent control may occur during four to six hours in the afternoon, typically five days a month or approximately 125 hours per year. And the heat pump fan or air conditioner fan are not affected, so they can continue to circulate air in the house. On very hot days, you may notice a slight rise in indoor temperature during the load management period.

How does my electric cooperative know when the peak demand hour will be?

The power supply organization that serves the state's electric co-ops —the North Carolina Electric Membership Corporation (NCEMC), based in Raleigh— receives from its wholesale power suppliers real-time signals that measure demand for electricity. If so, NCEMC uses historical data and continually monitors weather conditions and forecasts throughout the state. These methods indicate when the peak will occur so that NCEMC can instantaneously notify co-ops. Co-ops then send the radio signals that control the load management switches.

Where are the switches located?

Your electric cooperative installs them outside your house, either next to the meter base or near your the central air conditioner. Each house needs only one switch to control both the water heater and the heat pump (or central air conditioner or electric thermal storage system).

The switches receive radio signals on a regular basis, even when they are not actually controlling appliances. You may notice a red light blinking on the switch. That means the switch is receiving a radio signal.

Who owns and maintains the switches?

They are owned and maintained by NCEMC. If they fail, your co-op will have the switch repaired at no cost to you.

If my neighbors have a switch, are their appliances controlled like mine?

Their appliances are controlled in the same way, for approximately the same amount of time as yours, but the control times are staggered so that every house won't return to full use at the same time and cause a surge in power demand.

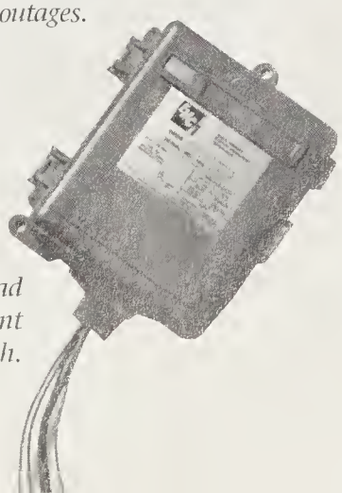
Are there other benefits to peak load management?

Yes. Shifting the peak demand for power not only offsets the higher price of electricity, it also is a conservation measure. By keeping the peak demand manageable, utility companies do not have to build expensive new power plants just to meet that peak demand. And that saves everyone money and natural resources.

How do I sign up?

Call your electric cooperative and ask about the peak load management program.

Next month: How North Carolina's electric cooperatives respond to emergencies and major power outages.



The load management switch.

GOLD FOUND IN NORTH CAROLINA! (1800-1848)

More Than Anywhere Else In U.S.A.

BOY DISCOVERS 17-POUND GOLD ROCK

His Father Becomes a Rich Man

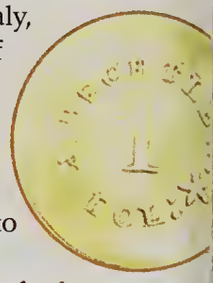
PAN FOR GOLD YOURSELF

IS THE MOTHER LODE

Still down there under RED CLAY SOIL?

By Mabel H. Cox

Between 1800 and 1848, North Carolina yielded more gold than any other region of the nation. Mining gold in those years was one of the state's leading occupations. North Carolina's gold rush attracted miners and prospectors from Wales, Cornwall, Germany, Poland, Austria, and Italy, as well as other parts of the young United States.



The lure of gold in 1539 brought the Spanish explorer DeSoto within 70 miles of the "Golden City" of Rutherfordton, but he was in such a hurry to find the glittering rock in plain view he went on his way, missing by a country mile one o the richest gold mines in America.

Gold deposits are spread in six belts throughout the piedmont and mountain sections of the state: Eastern Carolina belt, Carolina slate belt, Charlotte belt, Kings Mountain belt, South Mountain belt, and Western belt.

There have been 660 gold mines in the state and many that were not record ed. They had colorful names such as The Black Cat, Queen of Sheba, Empire, Blacl Ankle, and St. Katherine.

Miners breathe the same air as anglers.

– Mark Twain

While America Indians surely mined gold befor white settlers cam to North Carolin a young boy fishing Little Meadows Creek near Stanfield, Cabarrus County in 1799 made th most memorable discovery of gold here. Conrad Reed found a yel low rock that weighed about 17 pounds A silversmith in nearby Concord was unable to identify it, so for several years it served as a doorstop in the Reed house

Then in 1803 a Fayetteville jeweler recognized the stone as gold, melted it into a bar, and paid farmer John Reed th agreed price of $3.50 (a 10th of a percen of its value at the time). Later, it is repor ed, the jeweler paid Reed $1,000 for som more of the "heavy rocks."

John Reed formed a mining partnership, and by 1824 Reed Mine was one o

he state's three major gold mines. He died a wealthy man at ge 88 in 1842. His estate was valued at $40,000 and included a 45-acre farm, the mine, and 18 slaves.

After the Forty-Niner Gold Rush to California, activity eclined at the Reed Mine. The 1860 census listed the mine as nactive. Later an Ohio amily named Kelly ought the mine.

The Armin L. L. Kelly eirs transferred the Reed fine property to abarrus County in 1971, nd thus began a systemtic program to make it a ate historic site. Gov. mes B. Hunt Jr. dedicated the mine to the public n April 23, 1977, as the eed Gold Mine Historic te. During the spring nd summer months, visiors can pan for gold and ew an operating 19thntury stamp mill used crush ore. The facility fers a visual interpretion of the story of orth Carolina mining.

N.C. Division of Travel and Tourism

Scenes from Reed Gold Mine State Historic Site. Coins were minted by Christopher Bechtler.

Other strikes

Success in Stanfield led her farmers to search eir creeks, too. In 1804, e United States Mint in iladelphia processed 1,000 in Cabarrus ounty gold. By 1824, the int recorded $100,000 orth from the county.

Another strike occurred ithin the city limits of harlotte approximately one mile southwest of today's intersection of Trade and Tryon streets. The Rudisil Mine became ne of the largest producers in the state. In one month, more an $30,000 in gold was mined there. Like other mines, operaons ceased during the Civil War but resumed from 1880 to 87, and from 1905 to 1908. The mine was reopened in 1934 d closed in 1938. The total amount produced there was about million.

The Kings Mountain belt is a narrow, northeast trending belt the Gaston and Cleveland county area. Gold was discovered ere in 1834, and the Kings Mountain Mine worked intermitntly until about 1913. It was a creek-mining or "placer" operaon, then later expanded to underground shafts for reaching e lodes. The deepest shafts extended 330 feet. The total estiate of production was from $750,000 to $1 million.

The South Mountain belt rises 3,000 feet above sea level in me places. Christopher Bechtler found gold in the region at therfordton in 1830. A skilled metallurgist, he was the first rson in the U.S. to coin gold dollars. Until then the medium exchange was gold dust. The nearest mint being in iladelphia (the Charlotte mint was established in 1835), the federal government granted Bechtler permission to coin $1, $2 ½ and $5 pieces from gold dust. According to the 1988 Coin Directory, a Bechtler gold dollar is now worth $2,500.

Bechtler coins were of various sizes and weights, but he minted only three denominations. This was because the gold dust contained foreign particles and its weight varied, but all of Bechtler's coins had the right amount of pure gold required by the government. Also noticeable among gold coins of the period is the color difference in coins made from North Carolina, South Carolina and Georgia gold.

The press used by Bechtler is in the museum of the American Numismatic Society in New York. Some of Bechtler's dies are in the state Museum of History in Raleigh.

The Western belt includes the gold mines west of the Blue Ridge Mountains. Most of the deposits are small, and the majority of the mining in that area is for other minerals. The Fontana Copper Mine, for example, produced pyrrhotite, pyrite, cholcopyrite, sphalerite, and galena. Gold content was 0.00072 ounce per ton of ore.

The Eastern Carolina belt includes mines in Halifax, Warren and Nash counties. The H and H mine in Halifax County also produced lead, zinc, copper and silver. It worked as recently as 1957.

The Reed Gold Mine State Historic Site is located off State Route 200 south of Concord, near Stanfield. It is open April 1-Oct. 31, from 9 a.m. to 5 p.m. Monday through Saturday and 1 to 5 p.m. Sunday. From Nov. 1-March 31 the hours are 10 a.m. to 4 p.m. Tuesday through Saturday and 1 to 4 p.m. Sunday. The Stamp Mill and panning areas are open through October. For more information, call (704) 786-8337.

Continued on next page

Prospecting as a hobby

North Carolina attracts collectors, dealers and amateur prospectors because of its varieties of pegmatite granite. Some have luck in finding not only gold, but also emeralds, golden beryl, aquamarine, garnet, kunzite, and many varieties of quartz.

Don and Ida Lovell of Marion are affected by gold fever. They prospect in the Vein Mountain area among other places.

"The thrill of searching for the Mother Lode," says Don, "is enough to make some of us go out, loaded with equipment, and spend the day standing in water up to our waist. After hours of grueling work we may have a few flakes of gold in a small 'brag' bottle. But that's all right! We could have found a nest of gold nuggets!"

Ida explains that "Any chip that is as large as the head of a straight pin is gold nugget, any thing smaller is a flake."

Another modern-day prospector is Maxie Ellenburg, who began looking for gold when he retired to his Vein Mountain home 17 years ago. Occasionally he works as an adviser to a local mining operation. He says today's amateur prospector uses almost the same equipment as the long-ago prospector did: a portable sluice, shovel and a pan. "He will have to shovel down to bed rock before he begins to put sand into the sluice," Maxie says. "After about four shovels full of sand and gravel goes through the sluice, and you have accumulated sand in the bottom of the sluice box, then it is time to use the pan."

Maxie says, "I haven't made very much money from gold. But who could ask for more than to live here in the mountains, do what I do, and have a dream of finding the Mother Lode?"

Most of the old mines are not profitable to mine even with the inflated gold prices of today, but there are many places where gold panning can be enjoyed with some success.

The third annual Vein Mountain Prospectors Meet will be held July 29-30 at the Lucky Strike Gold and Gemstone Mine, located five miles south of I-40 at Marion. For more information, contact The Lucky Strike at (704) 738-4893.

An interesting collection of minerals is open to the public at the Blue Ridge Parkway Museum of North Carolina Minerals, at milepost 331, Gillespie Gap (704) 765-2761.

The North Carolina Mineral and Gem Festival will be held Aug. 2-6 in Spruce Pine. Call (800) 227-3912.

Mabel H. Cox is a writer who lives in Marion. She is interested in gold mining, minerals and dowsing. She is a member of Rutherford EMC, and her late husband helped erect poles in the early days of the electric cooperative.

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As Seen On TV

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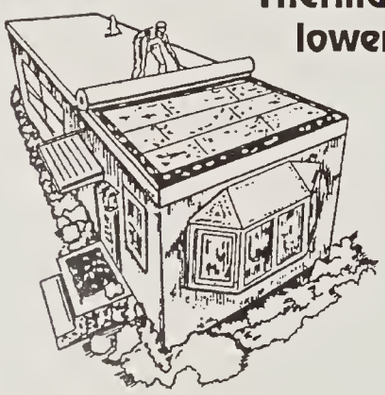

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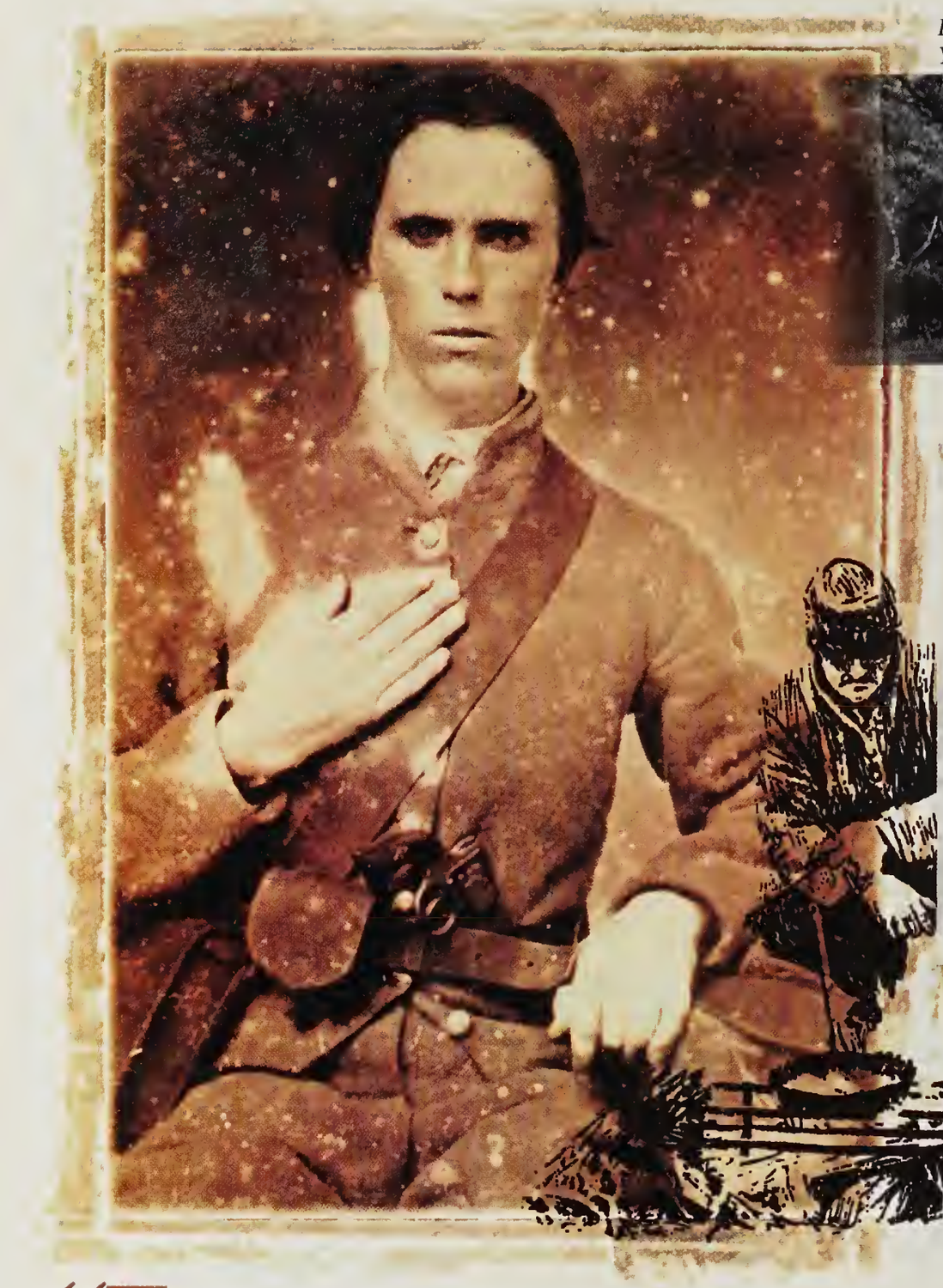
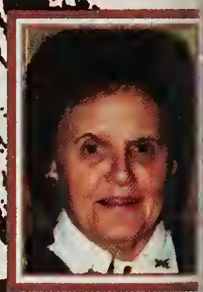
CAROLINA Electric Cooperatives

Eli Landers (left) sent letters home via the Yellow River post office in Georgia (below).



I may never see you nor my hom again but if I never do I can't help i I expect to be a man of Honor to ou country at the risk of my life. . . . It unknown who will get killed in thi fight. It may be me and if I do get killed there is any chance I want my bod taken up and laid in the dust round o Sweetwater and I want a tombstone pu at my head with my name and my com pany and regiment, the day I enlisted an the name and date of all battles I have eve been in.

Eli Pinson Landers
Letter dated Sept. 24, 1863
Camp near Chattanooga, Tenn.



Roberso

"I expect to be a man of honor"

By Peggy Howe

As Elizabeth Roberson explains her Civil War research, "It's become an ongoing saga. I can't let it go!"

Three years ago, a friend gave her a cache of yellowed, discarded letters that a Confederate soldier from Georgia wrote to his family while at war between 1861 and 1863.The powerful, fascinating letters led her to a new career.

After a career teaching history in middle school, high school and college, Elizabeth Whitely Roberson o Williamston began to research the wartime experience of Pvt. Eli Pinson Landers of Gwinnett County, in the Georgia hill country near Atlanta. In 1991, she published a book, "Weep Not For Me, Dear Mother," that covers the short life of Landers from his enlistment to his death two years later, including some of his most poignant letters. Her research involved walking the

same route as Landers walked with the 16th Regiment of Infantry, Georgia Volunteers, including their battles at Manassas, Gettysburg and Chickamauga.

It was not uncommon for Civil War soldiers to request a tombstone inscription, and Landers did so in one of his letters (see excerpt). He wrote to his mother on Sept. 24, 1863, soon after he and some 15,000 other troops had passed through Atlanta by train on their way to Tennessee. He had hoped to see his mother and sister in Atlanta, but the family met delays en route and missed a rendezvous. Landers died only weeks later in a hospital at Rome, Georgia on Oct. 27, 1863. He died of typhoid fever evidently contracted during the journey. Later that fall, his unit suffered heavy losses in battle at Knoxville.

Elizabeth Roberson's research and dedication to her project led to the fulfillment of the young soldier's wish. Five years ago, more than a century after Landers' death, she was present at the Sweetwater Church graveyard in Lilburn when the 5th Missouri/9th Georgia Reenactment Group dedicated a new monument to Landers inscribed as he had wished.

Roberson's second book has just been published. "In Care of Yellow River" is a chronological collection of all 100 or so letters. They graphically reveal the private's army service, good times and bad, as well as a foot soldier's perspective of Civil War camp life. (Landers mailed letters to his mother at his hometown Yellow River post office.)

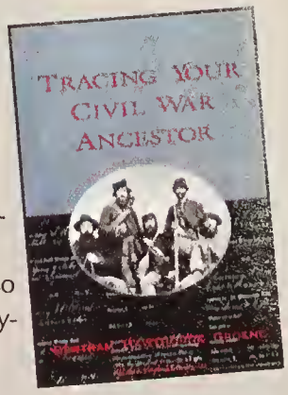
Roberson has received invitations to speak to many reenactment groups, from Indiana to Kentucky and Alabama, as well as from other Civil War societies, especially in and around Gwinnett County. Also, the Georgia Legislature proclaimed "Elizabeth Roberson Day" across the state in March 1992.

Now that she has researched all of Eli Landers' immediate family, Roberson has extended her genealogical search to further branches of the family.

Her scrapbooks brim with clippings on her adventures with Eli Landers — and the end is not in sight: "He's become a part of my existence."

"Weep Not For Me, Dear Mother" ($29.95 in hardcover, $19.95 in softcover) and "In Care of Yellow River" ($14.95 in softcover) are available from Sweetwater Enterprises, 106 West Church Street, Williamston, N.C. 27892. Call 919-792-2339.

Recently published books about the Civil War



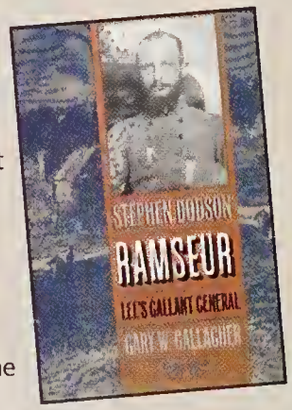
Tracing Your Civil War Ancestor
Bertram Hawthorne Groene; 130 pages

A former history teacher at East Carolina University offers an invaluable resource designed to facilitate a search for Civil War veterans. Bertram Hawthorne Groene is professor of history at Southeastern Louisiana University and a serious collector of Civil War weapons and equipment. His book, while designed for descendants of Civil War veterans, is of value also to historians, genealogists, collectors, antique dealers and anyone interested in the Civil War period.

The author takes the searcher through descriptions of all the resources available, insisting that it is not difficult and "anyone can do it." The book covers the Official Records plus diaries, personal narratives and histories of regiments in which veterans served.

Appendices include records from the National Archives and institutions that offer microfilm service; source books for Regimental Histories and Rosters; and books for equipment identification. Illustrations include such aids as instructions for completing request forms, copies of officers' muster roll, and several examples of weapons.

In bookstores for $14.95 (hardcover) or from John F. Blair, 1406 Plaza Drive, Winston-Salem 27103; (800) 222-9796



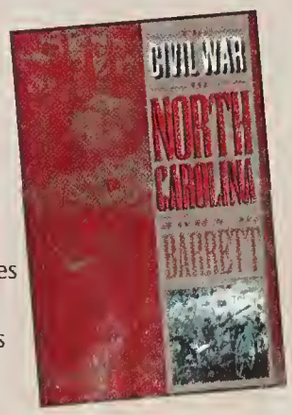
Stephen Dodson Ramseur: Lee's Gallant General
Gary W. Gallagher; 232 pages

The story of "Stephen Dodson Ramseur: Lee's Gallant General," traces the wartime life of a 24-year-old Lincolnton youth, less than a year out of West Point, who was present at the opening scene of the Confederate experience in North Carolina.

He became a significant actor with an enviable record in the Army of Northern Virginia. He rose to the rank of major general, the youngest West Pointer to achieve this honor, before being mortally wounded at Cedar Creek three and one half years later (October, 1864).

Gary W. Gallagher, head of the department of history at Pennsylvania State University and editor of "Civil War America," is author of several Civil War volumes.

The biography was originally published in 1985 and is now available in softcover for $14.95 ($29.95, hardcover) in stores or from the University of North Carolina Press, P.O. Box 2288, Chapel Hill, N. C. 27515-2288; (800) 848-6224.



The Civil War in North Carolina
John G. Barrett; 484 pages

In "The Civil War in North Carolina," John G. Barrett describes and analyzes 11 battles and 73 skirmishes fought across the state, including Bentonville, the siege of Fort Fisher, amphibious coastal campaigns and cavalry sweeps such as Stoneman's raid. Though some were small, these battles and campaigns were crucial in the grand strategy of the conflict and involved some of the most famous generals of the war. Lee was dependent upon North Carolina's supplies of men and equipment, which led to Stoneman's raid and Sherman's March through the state — bringing war's horrors and eventual surrender.

John Barrett is professor emeritus of history at Virginia Military Institute.

Available in bookstores for $16.95 (paperback) and $29.95 (hardcover) or from University of North Carolina Press, P.O. Box 2288, Chapel Hill. 27515-2288; (800) 848-6224.

Focus

North Carolina news you can use.

Cape Hatteras lighthouse license plates benefit museum

The Outer Banks likely will see groundbreaking this fall for a new museum devoted to the seafaring heritage of that region. Planning the Graveyard of the Atlantic Museum has been under way for about 10 years, behind the leadership of Hatteras Island residents Belinda Willis, Katie Oden and Geraldine Farrow.

The 14,000-square-foot museum will be built in Hatteras Village, near the ferry docks at Hatteras Inlet. Although it is a private venture with considerable community involvement, the museum will complement the attractions maintained by the National Park Service within the Cape Hatteras National Seashore.

To help fund the project, North Carolina motorists may purchase special license plates depicting the historic Cape Hatteras lighthouse. The special tags have been approved by the state legislature. They cost $50 each, which is $30 more than normal plates. The museum project will receive $20 from each plate sold.

To propose the special plates, the museum committee attracted 300 people who committed themselves to buying them. That group of 300 must first deliver on their $50 applications before the state will print the plates.

State residents interested in obtaining a Cape Hatteras lighthouse license plate may request an application from the museum office in Hatteras, telephone (919) 986-2995. Applications are also available at state offices of the Division of Motor Vehicles.

The Graveyard of the Atlantic Museum committee also seeks information on artifacts that may be appropriate for the collection. Artifacts should relate to the maritime history of the Outer Banks. Contact the museum at P.O. Box 191, Hatteras, N.C. 27943.

All about Union County

Union County Chamber of Commerce has issued a guide, "First Impressions," to introduce people and businesses to the area and help newcomers settle in.

Describing Union County as "a place where city amenities and country charm blend together," the guide features community profiles and gives information about local government, services, business, housing, history, entertainment, special events, education, health care and recreation.

The guide is published by Impressions Marketing Group in Charlotte (704-522-6001).

The Union County Chamber of Commerce is in Monroe (704-289-4567).

Scientists say fear of cancer from power lines is groundless

The world's leading organization of physicists says there is no link between cancer and the electric and magnetic fields near power lines.

The American Physical Society issued the statement recently after years of study and discussion. The New York Times reported it to be the strongest such statement by a scientific society in the 15 years that the issue has been debated.

The physicists say public fear about power lines causing cancer is groundless and that billions of dollars may be spent simply trying to allay those fears.

Physicists point out that electric and magnetic fields surrounding power lines are too weak to be a link to cancer. [See Carolina Country, January 1995.]

Nevertheless, citizens and local governments in some areas of the nation have asked electric utilities to move power lines, install shielding and cancel plant upgrades. The New York Times reported the annual cost of reducing power-line fields in the U.S. is estimated to be between $1 billion and $3 billion.

Chemical treatment of wood pests may not be necessary

The N.C. Department of Agriculture cautions homeowners not to hire exterminators for unnecessary treatment of wood on houses.

Agriculture Commissioner Jim Graham says most pest-control treatments are not necessary for wood-decay fungi, surface mold and mildew, and wood-infesting beetles. Sometimes the treatment is sold when neither the pest nor the conditions necessary for their survival exist, Graham said.

No action is necessary to control or prevent fungi if the wood's moisture content is below 20 percent, according to the department's Structural Pest Control Division. The office says a moisture content of at least 28 percent is needed for wood-decay fungi to grow, and even then, complete control can be achieved by increasing ventilation to the crawlspace.

Other ways to avoid chemical treatment of wood include adding foundation vents and covering 75 percent of the soil surface with a plastic vapor barrier.

The Agriculture Department suggests posing the following questions before agreeing to chemical pest control to your house:

- *Is there an active infestation of beetles or wood-decay fungi present?*
- *Are there any signs of previous infestation by these pests?*
- *What is the moisture content (measured by a meter in six or eight places) of the wood of the crawl space or affected area?*
- *What steps are recommended to correct the problem, if one exists?*

For more information, contact the Structural Pest Control Division at (919) 733-6100 or by mail at P.O. Box 27647, Raleigh, N.C. 27611.

Ammonium nitrate fertilizer can be OK

Since its use in the bombing of an Oklahoma City federal building, ammonium nitrate has become the center of debate and question. But a North Carolina State University soil scientist says that it still deserves its prior reputation as an effective, easy-to-use and safe source of fertilizer.

Steve Hodges, leader of the N.C. Cooperative Extension Service soil science programs at N.C. State says ammonium nitrate is one of the best sources of nitrogen available when used and stored properly.

Fertilizer-grade ammonium nitrate differs from the technical-grade that is classified as a blasting agent. The blasting agent is more porous and easier to sensitize with fuel, then to detonate. The fertilizer grade has larger particles and is coated with clay. Hodges says farmers and other consumer need not fear that the fertilizer will automatically explode.

Ammonium nitrate fertilizer supplies plants with nitrogen that increases yields and makes plants green.

For more information, contact your county Cooperative Extension Service.

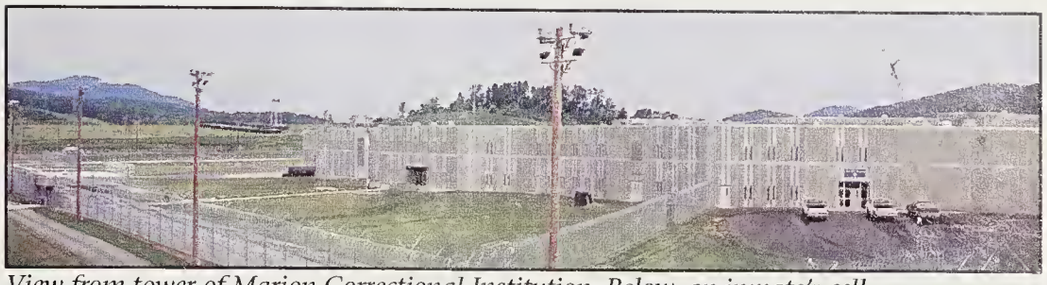
Greensboro Sit-in Movement hires director

The organization formed to establish a civil rights center and museum in Greensboro's historic South Elm Street Woolworth Building has appointed an executive director. James P. Mayes, an attorney, has been active in museum work, African-American studies and community development. He has taught at Ohio State University and worked with the Ohio Historical Society and the Afro-American Cultural Center and Historical Museum in Cleveland.

The founders of Sit-in Movement Inc., of Greensboro —County Commissioner Melvin "Skip" Alston and Greensboro City Councilman Earl F. Jones— said Mayes brings the qualifications and commitment needed to help create the foundation for the new civil rights center and museum.

For more information, contact Greensboro Area Convention & Visitors Bureau, (800) 344-2282.

New prison opens in McDowell County



View from tower of Marion Correctional Institution. Below, an inmate's cell.

Audrey Gross photos

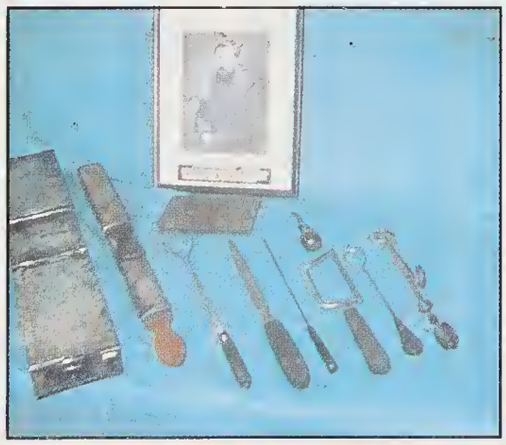
Inmates will be introduced this summer to the state-of-the-art Marion Correctional Institution in the Rocky Pass community of southern McDowell County. The new, close-custody facility can house 712 prisoners and will employ more than 360 staff.

Rutherford Electric Membership Corporation provides electricity to the prison.

Grading work at the 126-acre site began in March 1992. Staff moved in last January. The facility encompasses 316,386 square feet. Inmates will be housed in single cells. Classifications include drug-alcohol recovery treatment, segregation, enterprise workers, academic-vocational students and incentive wage workers.

The administrator at Marion Correctional Institution is Dean Walker. The address is P.O. Box 2405, Marion, N.C. 28752.

Looking back at country doctors



A doctor's saddle bags filled with medicine, a stethoscope, and a replica of the world's first microscope are among scores of items housed in our nation's only museum dedicated to family doctors.

Located in Bailey (between Zebulon and Wilson), the Country Doctor Museum is a restoration of two houses that once served as office buildings for country doctors in eastern North Carolina. The museum was founded in 1967 by Josephine Newell, a seventh-generation country doctor.

Medical instruments and supplies used prior to and during the Civil War form the nucleus of the museum's collection. Especially interesting to visitors is a set of surgical instruments (pictured) that two doctors used to amputate the left arm of Confederate General Stonewall Jackson, who was injured in the Battle of Chancellorsville (1863). The operation was successful, but Jackson died of pneumonia three days later. Other items displayed are Persian apothecary jars, a bottle of Mrs. Winslow's Soothing Syrup for teething pain and a gout stool.

A library contains some 500 books and diaries of 19th century doctors, including a "Discourse on Smallpox and Measles" (1747) and an 1857 sex instruction book.

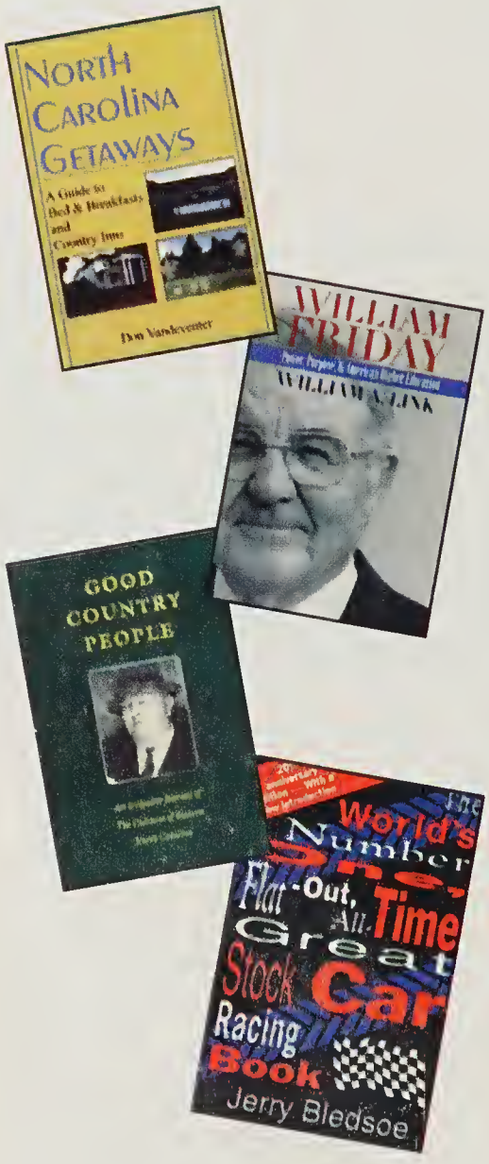
Outside the museum is a wheel-shaped medicinal herb garden containing plants such as dill and fennel (for gas relief) and foxglove (for heart ailments). Many herbs in this garden were used by early European and Asian physicians.

Museum hours are 2-5 p.m. Sunday-Thursday. Admission is free. For additional information write Country Doctor Museum, P.O. Box 34, Bailey, N.C. 27807 or call executive director Emily English at (919) 235-4165. *— Al Stewart*

Books

by Peggy Howe

Summer reading.


NORTH CAROLINA GETAWAYS
A Guide to Bed & Breakfasts and Country Inns
Don Vandeventer
WILLIAM FRIDAY
GOOD COUNTRY PEOPLE
The World's Number One Flat-Out, All-Time Great Stock Car Racing Book
Jerry Bledsoe

North Carolina Getaways

Don Vandeventer ; 192 pages

In this "Guide to Bed and Breakfast Country Inns," Don Vandeventer offers detailed and accurate descriptions of 70 bed and breakfast country inns across the state. Two-page descriptions on each selection cover accommodations, plus photos, amenities, activities, and a bit of history. Also included are regional maps and an index with information on 130 additional bed and breakfast places plus 200 major attractions across the state.

Vandeventer and his wife, who personally visit each selection covered, are currently working on similar guides for Tennessee and Georgia.

Available for $14.95 (softcover) at bookstores or from John F. Blair, 1406 Plaza Drive, Winston-Salem, N.C. (800) 222-9796.

William Friday

William A. Link; 494 pages

"Not a politician, but one of the most influential political figures ever in North Carolina" describes William Friday.

William A. Link, professor of history at the University of North Carolina at Greensboro, writes a new, well researched biography of the widely respected president of the University of North Carolina system for three decades. His "William Friday: Power, Purpose, and Higher Education" celebrates a long and remarkable career.

Friday ranks as one of the most important American university presidents of the post-world War II era. Further service on several national commissions has made him an influential figure both in and outside the Tar Heel state.

At the age of 36 Friday became president of the University at Chapel Hill, beginning in the greatest period of growth for higher education in American history and playing a crucial role in university development during tumultuous social change. He presided over the consolidation of the 16-campus system and establishment of the East Carolina University medical school.

The book is illustrated and includes extensive notes, bibliography and index.

Available for $29.95 (hardcover) at bookstores or from the University of North Carolina Press, P.O. Box 2288, Chapel Hill, N. C. 27515-2288; (800) 848-6224.

Good Country People

Arthur Mann Kaye, editor; 144 pages

In this "Irregular Journal of the Cultures of Eastern North Carolina," the reader receives a veritable smorgasbord of essays showcasing the inexplicably rich diversity and culture of the coastal plain of eastern North Carolina. Editor Kaye offers a variety of essays ranging from Native American cultures, pre- Civil War architecture plus the oddities of the Belhaven museum (including a pair of fleas dressed as bride and groom). Also included are details of black traveling shows of the first part of the 20th century, along with personal reminiscences by some who took part in these.

Captivating black and white photos range from a study of Native American faces to celebrated architectural achievements. This collection is limited to 1,000 copies. The editor describes this as a "first" issue of "Good Country People."

Available for $11.95 (softcover) plus $2 shipping and handling from North Carolina Wesleyan College Press, 3400 North Wesleyan Boulevard, Rocky Mount, N.C. 27804; (919) 985-5782.

The World's Number One Flat Out All Time Great Stock Car Racing Book

Jerry Bledsoe; 335 pages

A 20th anniversary edition of Jerry Bledsoe's first published book is ready for an entire new generation of fans. The new edition describes stock car racing — how it got started and why, and what keeps its drivers and fans coming back for more. Bledsoe offers personal details of some familiar racing royalty, including Pettys,Allisons and others, plus details of some of the southern racetrack rituals.

A new introduction by the author outlines some of the changes that have occurred since 1975, including marked increased interest in racing. He describes racing's appeal, including the raw nerve and skill required of the drivers, and the sheer love of cars that inspires it all.

Bledsoe grew up in Thomasville and is the author of "Bitter Blood" and 11 other books.

Available for $13.95 (softcover) at bookstores or from Down Home Press, P.O. Box 4126, Asheboro, 27204. (910) 672-6889. If ordering, add $2 for shipping, and North Carolina residents also add 84 cents tax.

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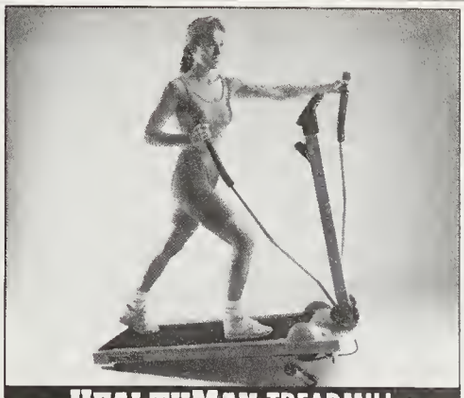

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3	Same Price if You Pay on Installments	YES **HEALTHMAX** is the same affordable price—just $299 (plus $59 shipping/handling) even if you pay by installments.	NO If you choose to pay by installments, you'll pay a total of *$814.08* to include their 18% interest charge!
4	Superior Workout of a Non-Motorized Treadmill	YES Non-motorized means you set the pace for a better workout and greater calorie burn. No motor means safety and no maintenance, too.	YES NordicTrack knows they're on to something here. **BUT... HEALTHMAX** gives you as much and more for less than 1/2 the price!
5	Total-Body Muscular and Cardiovascular Workout	YES Works upper and lower body for most effective total-body workout. Ordinary treadmills only work lower body.	YES **BUT**...Why would you pay $370 more than for **HEALTHMAX** TREADMILL?
6	7 Incline Positions	YES 7 different tread incline angles give a full range of workout intensity.	NO Only 6 incline positions—why would you pay $370 more?
7	Fully Covered Resistance Flywheel	YES For your safety, the resistance flywheel comes complete with guard shield.	NO One side of their revolving flywheel is exposed—no guard shield is provided.
8	Variable Resistance on Arm Exercise Poles and Tread	YES Adjusts to your personal resistance level with a simple twist of a dial. Arm pole resistance is 2-way—push *and* pull—for maximum workout.	YES **BUT**...WalkFit costs more than *twice as much* as **HEALTHMAX**!
9	Electronic Workout Computer and Pulse Monitor	YES Full-function computer tracks your workout progress and heart rate—for optimum, *safe* exercise.	YES They've finally added a pulse monitor. Give up the wood base, YOU STILL PAY $599! Give up the pulse monitor *AND* the wood, YOU STILL PAY $499!
10	Folds for Easy Storage	YES Easily folds to just 53" long by 21" wide by only 11" high!	YES **BUT**...When folded, it's still 53" long by 24" wide by a cumbersome 18" high.
11	Comes Virtually Fully Assembled	YES Simply attach monitor and 3 knobs, and you're ready to go!	NO Requires more extensive assembly.

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MBI

News of the Cooperatives

Beyond electric service.

Protecting your interests in Raleigh and Washington, D.C.

Directors, managers and employees from 22 of the state's 28 co-ops went "inside the Beltway" on May 1-2 during the annual legislative rally in Washington, D.C. After a day of briefings, they pounded the pavement on Capital Hill, visiting members of Congress.

Heidi Smith

Marvin O. Marshall (left), general manager of South River Electric Membership Corporation in Dunn, in discussion with Walter B. Jones Jr., Congressman from North Carolina's Third District, at the annual legislative rally in Washington on May 2.

Foremost on the agenda was the proposed sale of the federal Power Marketing Administrations (PMAs) which the co-ops oppose [see Carolina Country, May 1995]. Electric cooperatives reject any legislation that would increase electric rates to member-owners. [See editorial, page 4.]

Other business in Washington included discussions on the environment, regulatory reform, financing, rural development and telecommunications.

On the state level, a bill proposed by ElectriCities (the statewide organization for North Carolina's municipal electric systems) drew more than 100 co-op directors, managers and employees to the legislature's House Public Utility Committee meeting May 4 in Raleigh.

The state's municipal utilities were backing a 41-page bill that would have allowed ElectriCities to reorganize and restructure its competitive powers, increase its distribution authority, allow its statewide joint agencies to fund expansion of municipal electric systems, and even own and operate these distribution systems itself.

Municipal systems are the only North Carolina electric utilities exempt from the strict territory regulation which co-ops and investor-owned utilities obey. They can expand into co-op territory and deny co-op system growth, either through annexation or by extending lines outside city limits. The proposed bill would have granted towns greater financial resources to exploit this exemption.

ElectriCities agreed to remove language and leave only reorganization and internal changes. ElectriCities says the removed provisions will be studied at a later date.

"The co-op's government relations team will remain vigilant on this issue, opposing any expansion of municipal electric distribution powers that threaten co-op service territory," said James Lee Burney, manager of government relations. "The most effective voice when dealing with legislators, however, is the voice of the people back home."

Chuck Terrill assumes top job

Charles W. "Chuck" Terrill has been named executive vice president of the three corporations that serve the electric cooperatives of North Carolina. Those three organizations are the North Carolina Electric Membership Corporation (NCEMC), North Carolina Association of Electric Cooperatives (NCAEC), and The Tarheel Electric Membership Association (TEMA).

He assumed this position in May of 1995, following 10 years of experience at Kansas Electric Power Cooperative, Inc., 10 years at Hoosier Energy Rural Electric Cooperative, Inc., and two years with Public Service Indiana. He earned a bachelor's degree in engineering from Purdue University in 1976, and master's degree in business administration from Washburn University, Topeka in 1993.

Terrill is a member of the board of directors for the Nuclear Energy Institute (NEI) and is currently president of the Generation & Transmission Managers Association. He is a member of the Institute of Electrical and Electronics Engineers, American Nuclear Society, and is a registered professional engineer in the state of Indiana.

Richmond County looks at dangers of drugs

More than 100 people learned about the dangers of drugs at a special information session organized in May by Pee Dee Electric Membership Corporation.

The outdoor gathering, named "Power to Say No," took place at Pee Dee EMC's Rockingham district office.

On hand were "P.J." and "Kazan," the trained dogs used by Richmond County's Narcotics Division. Also there were members of the Richmond County Sheriff's Department, the county Health Department, and the county's Department of Social Services.

The idea for the information session arose during one of the community meetings Pee Dee Electric conducted in the district during recent months.

Anne Edwards

Some stood out in the crowd.

Art by Thomas Jefferson Knox

"Quiet Walk"

"Nature's Quilt"

"Rosebay"

[f thought and daydreams are real," says artist Thomas Jefferson Knox, "I have spent most of my life in the Smoky Mountains. . . .This painting reflects the many times I have spent walking along these beautiful moun- n trails."

"Quiet Walk" is the fifth limited edition print in the ferson Collection. It is accompanied by two mini-prints, osebay" (the rhododendron also called "great laurel" in the eat Smoky Mountains region) and "Nature's Quilt" (six dflowers of the Great Smokies).

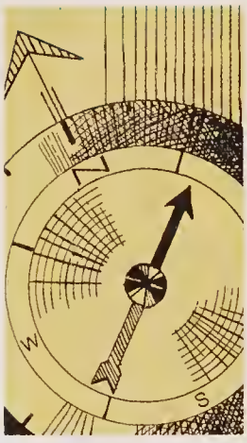
Knox follows a personal tradition with the Jefferson llection original paintings: he selects at random the name one of the owners of the print and gives that person the original. Also, he donates to charities all artist's proofs of Jefferson Collection prints.

The Winston-Salem artist hopes to maintain a year-round studio in the Great Smoky Mountains some day.

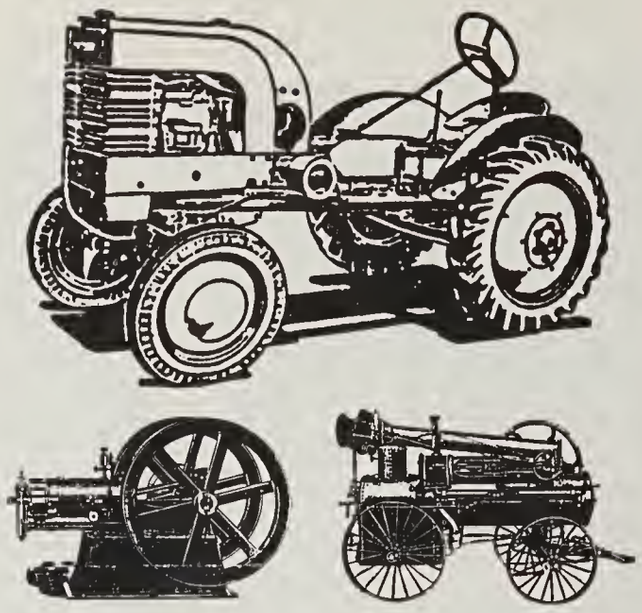
The Jefferson Collection signed and numbered prints, as well as sets of notecards, are available through the following galleries: Bear Meat's Indian Den in Cherokee, The Village Peddler in Maggie Valley, Front Street Gallery in Dillsboro, and Country Pride in Franklin.

For information about sizes and prices, contact Thomas Jefferson Knox at 1641 Brown St., Winston-Salem, N.C. 27105. (910) 767-9719.

Here, There and Everywhere



Across North Carolina.



High Country Crank-Up, Boone, July 28-30.

Fourth of July Festival

July 1-4, Southport, Oak Island

Featuring over 100 arts and crafts booths, food vendors, firemen competitions, military exhibitions, a Beach Day with sandcastle building and volley ball tournaments, a parade, "The Embers," a fireworks display and more. Contact: Don Hughes, (910) 457-9808.

Art in the Park

July 15, Blowing Rock

Juried art and craft show. 10 a.m. to 5 p.m. in downtown Blowing Rock. Contact: Call (704) 295-7851.

Military Antiques

July 15-16, Wilmington

Arms memorabilia of the Civil War, Indian wars and World Wars I & II on display and for sale. Admission is $4; ages 7-12, $1. At Trask Coliseum, UNC-Wilmington. Contact: Richard Shields, (704) 282-1339.

Theater Auditions

July 18 and 20, Mocksville

For the comedy "Anything Goes," to be performed in October by the Davie Theatre Co. Needed are 12 men, eight women, sailors and chorus. Ages 16-60. At Davie County Public Library, 7 p.m. Call (704) 634-3998.

Fiddler's Convention

July 21-22, north of Sparta

Bluegrass and old-time fiddle and banjo, mandolin, guitar, acoustic bass, dulcimer, autoharp and vocal competitions. $6 for one night, $10 for two. Campsites available. At the Alleghany Fairgrounds on U.S. 21. Gates open at 9 a.m. Friday. To register, contact Lynn Worth, Rt. 4, Box 534, Sparta, N.C. 28675.

Piedmont Berry Festival

July 21-22, Dobson

Locally grown berries and berry plants for sale, berry cooking demonstrations, educational booths, crafts, food and live music. Contact: Terry Garwood, (910) 386-9274.

Museum Magic

July 21-22, Raleigh

The N.C. Museum of Art will display works by southern self-taught artists, the N.C. Museum of History will explore folklife, and the N.C. State Museum of Natural Science will present the natural history and cultural heritage of N.C.'s wetlands. Outdoor events include pottery demonstrations, artists, folk singers, basket weaving, cloggers, Native American beadwork, African American quilting, Cherokee storytellers, duck calling contests and children's games. Contact: John Schmidt, (919) 783-1036.

Sports Fair II

July 21-23, Durham

Meet physical therapists, sports medicine professionals, trainers, coaches and athletes who will tell you how to develop healthy athletic habits. The Durham Bulls baseball team will be at the fair July 22 from 10 a.m. to noon. At the Museum of Life and Science. Call (919) 220-5429.

Tour of Homes

July 28, Blowing Rock

Ticket includes transportation, tour and handwork show. Box lunches available. 10 a.m. to 4 p.m. Call (704) 295-7323.

N.C. Symphony

July 28, Blowing Rock

Performance by the Lake at Chetola Resort. Concert begins at 6:30 p.m. and features light classics and pop selections. Tickets are $12; ages 6-12, $6; free for kids 5 and under. Bring a chair or blanket. Call (704) 295-7851.

High Country Crank-Up

July 28-30, Boone

See operating antique engines, steam engines, tractors and model engines. Also, corn meal grinding, log saws, homemade ice cream and a gas engine and antique auction. Admission is $2. Contact: Mack Hodges, (704) 264-2196.

Scenes from the Watermelon Festival, Murfreesboro, August 2-5.

Appalachian Summer, July 29.

High Country Home Show

July 28-29, Boone

For anyone thinking about building, remodeling or adding on to a home. 40 booths at National Guard Armory representing businesses ranging from building supply to landscape architecture. $2 admission. Children under 16 free. Organized by Watauga-Avery Home Builders Association.

Curing Barn Party

July 29, Durham

Nineteenth-century tobacco harvesting, curing and related activities. Visitor participation encouraged. Also, music, refreshments and children's entertainment. At the Duke Homestead Historic Site. Call (919) 477-5498.

Bed & Breakfast Seminar

Pikeville, Tenn.

"How to Start and Run a Bed and Breakfast" seminar. Weekends of Sept. 15-16 and 22-23. At Fall Creek Falls Inn, Pikeville, Tenn. Registration deadline is July 1. Call (615) 881-5494.

Watermelon Festival

Aug. 2-5, Murfreesboro

Crafts fair, free watermelon slices, helicopter rides, amusement rides, entertainment, antique gas engine and tractor show, 5K race, fireworks display, watermelon fashion parade, watermelon games and N.C.'s largest agricultural parade. Contact: Kay Mitchell, (919) 398-5922.

Fiddlers & Blue Grass

Aug. 5, Jefferson

Old Time Fiddlers' and Blue Grass Convention with championship competition for cash prizes in old time band, bluegrass, folk songs and flatfoot dancing divisions. Advance admission is $6. At the Ashe County Recreation Park. Proceeds go to fund scholarships for Ashe County students. Contact: John Woods, (910) 256-9945.

ONGOING

Coastal Encounters

Opens July 1, Winston-Salem

Watch work on "Coastal Encounters," a 3,000 square-foot exhibit under construction at SciWorks. Will feature a 600-gallon saltwater "wetlab" with touchable marine life, an aquarium with fish and plants in smaller habitats, an extensive shell collection, a teaching theater and a computer station for interaction with marine programs. Contact: J. Atkins, (910) 767-6730.

Triad Artists

Through July 23, Winston-Salem

"The Triad Fantastic: Twenty Artists from the Piedmont Triad," features paintings, sculptures, photographs, videos and mixed media installations produced by artists living in the 11-county Triad area. At SECCA. Call (910) 725-1904.

Appalachian Summer Festival

Through July 29, Boone

Summer arts festival featuring the best in music, dance, theatre and the visual arts, as well as educational events and programs for children. On the campus of Appalachian State University. Listed as a Top 20 event by the Southeast Tourism Society. Call (800) 841-ARTS.

"Unto These Hills"

Through Aug. 26, Cherokee

Outdoor drama tells the story of the Eastern Band of the Cherokee Nation. Shows begin at dusk every day except Sundays. The Oconaluftee Indian Village, a recreation of typical Cherokee Indian life of days past, is also open the public. Call (704) 497-2111.

Photography

Through Aug. 25, Durham

Featuring "Home," 33 black-and-white photographs by Margaret Sartor of friends and family in various locations in the South. Also features "Gambling," 14 black-and-white photographs by William Noland of bettors at horse races, stockbrokers and fund-raisers for an election campaign. Juanita Kreps Gallery, (919) 660-3664.

"New Ways for Old Jugs"

Through Aug. 27, Raleigh

"New Ways for Old Jugs: Traditions and Innovation at the Jugtown Pottery," features pottery samples from Jugtown's most productive years, oral histories and memorabilia that trace the evolution of Jugtown Pottery. Contact: Sally Peterson, (919) 715-0200.

Odyssey of Wonders

Through Sept. 5, Wilson

A traveling exhibit designed and built by the staff of Discovery Place, "Odyssey of Wonders" addresses a selection of natural phenomena such as gravity, rainbows, snow flakes, time, temperature, music and color. At Imagination Station. Call (919) 291-5113.

Deadlines

Deadlines for submitting notices to "Here, There and Everywhere."

September issue ....July 25
October issue.....August 25
November issue.....September 25

We welcome photos and illustrations of coming events. Send notices to Calendar, Carolina Country, P.O. Box 27306, Raleigh, N.C. 27611.

Joyner's Corner

by Charles Joyner

To some, it's rough.

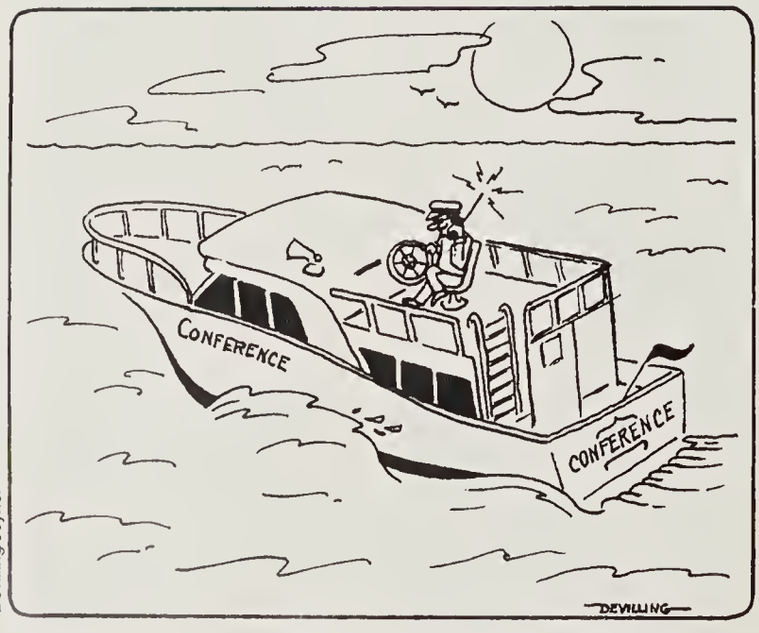
Name _ _ _ _ County

Each box and each blank on the lines below stands for a letter in the name of a North Carolina county.

Fill in the blanks to spell a word suggested by the definition given. Then complete the name of the county by printing letters in the boxes.

Example		Answer
□_ _ _ □□	a question	c H O W a n
1. □_ _ _ □□		a youth
2. □_ _ _ _□□□		eager
3. □_ _ _□□		a cheer
4. □_ _ _ _ _		a bird
5. □_ _ _□□		a river in N.C.
6. □□_ _ _ _		not fast
7. □_ _ _ _ _		the kitchen stove
8. □_ _ _ _□□□		he shows courage
9. □_ _ _□□□		a color
10. □□□_ _ _ _ _□□		proportional share

Answer on page 29



Devilling/Joyner

"Cancel my appointments, Miss Watts. I'll be in Conference all day."

BARDS HAVE IT HARD (ROUGH)

It's tOUGH to find a rhyme for OUGH.
There are some, but not enOUGH
(which sometimes is pronounced eNAU
to rhyme with tree limb, as in bOUGH).
And althOUGH you may think that trOUGH
must be pronounced to rhyme with cOUGH,
by bakers it is often TRO,*
the vat in which they mix their dOUGH.
And then there's slOUGH (that's SLOFF or SLUFF).*
(I told you writing this is tOUGH.)
In New England slOUGH is pronounced SLEW*
(How you pronounce it is up to you.)
Up there it means swamp or bog;
In old England SLAU means sluff or slog.
EnOUGH of this, at least for now (nOUGH!)
It's put me in a despond slOUGH.*

**See Webster's Ninth New Collegiate Dictionary*

Making Cents of Your Electric Bill

by James Dulley

Ground-source heat pumps.

Q:My daughter takes long showers and often forgets to switch off the bathroom vent fan when she is finished. How long should she let the fan run and does it draw out much air? – S. R.

A:It is important to run the vent fan to remove excess moisture, but running it too long wastes electricity and heated air. A typical vent fan will exhaust all the air in a bathroom in about five minutes. Running it for about five minutes after you are done showering is usually adequate. If your daughter continues to leave it on, install a timer switch (costs about $20 at most home centers). Adjust it to shut the fan off after 10 minutes. This allows five minutes while showering and five minutes for venting.

Q:I need a new central air conditioner. I've heard of special ground-source heat pumps that can produce $4 of free heat for each $1 on my utility bills. Are they also super-efficient for air-conditioning? - C. H.

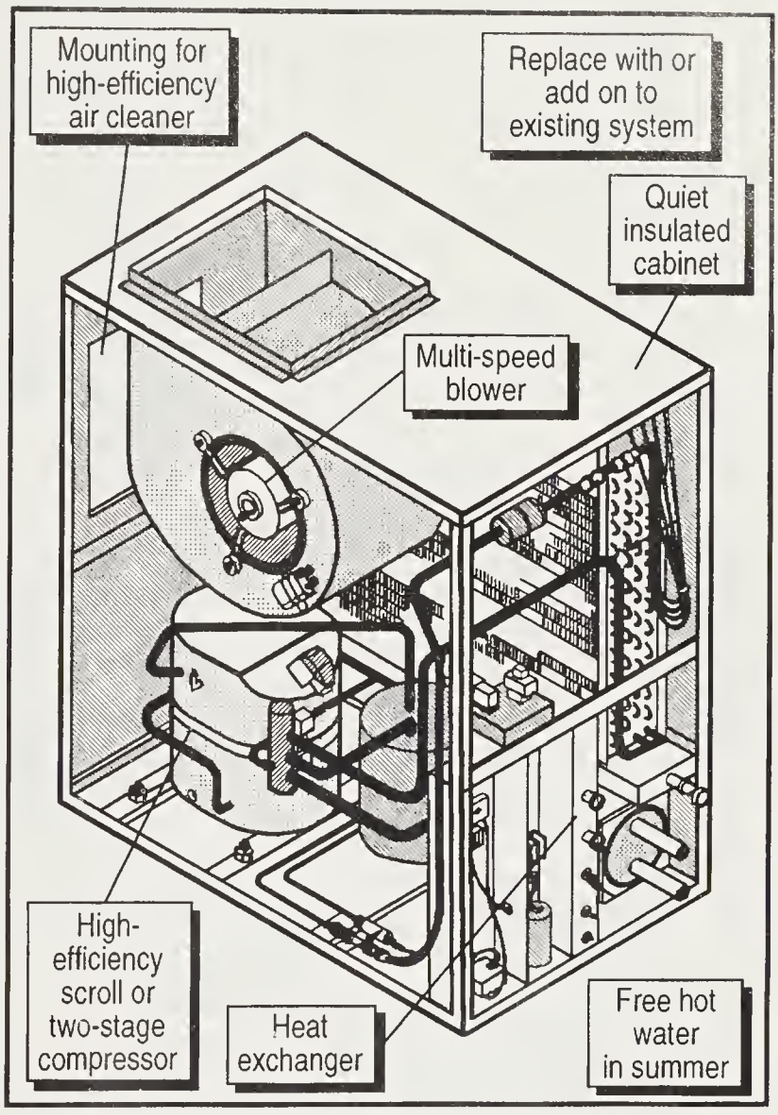
A:Another name is "geothermal heat pump," and they also provide super-efficient central air conditioning in the summer. Replacing a 10-year-old central air conditioner with a geothermal heat pump can cut your air-conditioning bills by up to 50 percent. The steady high cooling capacity ensures comfort even on the hottest days.

With some of the new geothermal units, you pay only 20 cents on your electric bill for each $1 of heat you get in the winter.

Another advantage of a geothermal heat pump is free hot water in the summer. With a geothermal unit, the waste heat removed from your house runs through a special heat exchanger. This transfers the heat to your water heater, so you get free hot water all summer. It can also heat water in the winter.

A geothermal heat pump is very efficient for heating and cooling because it uses the earth as a source for heat in the winter and a sink to exhaust heat in the summer. Because a condenser fan is not needed, the entire system (in a soundproof cabinet) is located inside your utility room or basement. Because it is indoors, there is little maintenance and risk of damage.

In the summer, ground temperatures several feet deep can be 30 degrees cooler than the outdoor air. This makes it easier for the heat pump to exhaust heat from your house. In the winter, the ground can be 40 to 50 degrees warmer than the air, so it is easier to draw out the free heat.


Mounting for high-efficiency air cleaner
Replace with or add on to existing system
Quiet insulated cabinet
Multi-speed blower
High-efficiency scroll or two-stage compressor
Heat exchanger
Free hot water in summer

Geothermal heat pump is most efficient system year-round

A closed-loop geothermal heat pump system circulates a liquid in a small plastic pipe buried in the ground. This long pipe can be laid horizontally in a very narrow trench several feet deep. Another closed-loop system uses a long vertical pipe in a hole drilled in the ground. An open-loop system can use water from ponds or wells.

There are several design variations that affect the efficiency. One manufacturer has a two-speed compressor. It runs in the super-efficient slow speed 80 percent of the time. It switches to high speed only during very hot or cold weather. Many models now use new low-maintenance scroll or inertia compressors. Other models have multi-speed blowers for comfort.

Write for "Utility Bills Update No. 595" showing a buyer's guide of geothermal heat pump manufacturers listing maximum cooling and heating outputs, efficiency levels, types of compressors, prices and special features. Please include $2 and a business-size, self-addressed, stamped envelope. Send to James Dully, Carolina Country, 6906 Royalgreen Drive., Cincinnati, OH 45244.

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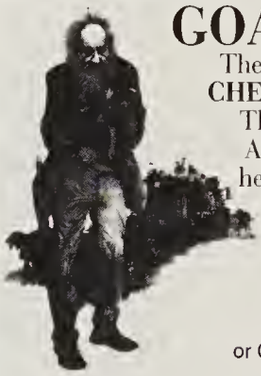

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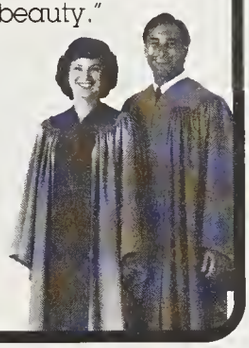

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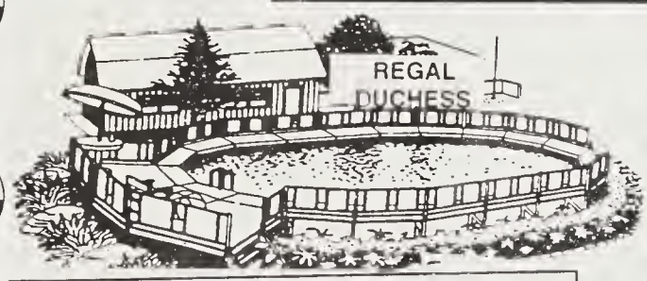

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Hank's Gardening Guide

by Hank Smith

The job in July is maintenance.

Tasks performed in the spring are paying off in edible vegetables, lush lawns, colorful flowers, and welcome shade!

The tender growth of spring has matured to a good stage for use in rooting cuttings of shrubs. If your shrubbery border has gaps, now's the time to start new shrubs to fill the spaces.

Watering is a first on the list of maintenance jobs.

Leaf scorch

During summer periods of hot weather and strong sunlight, leaves of newly planted trees will scorch along the outside edges. Sometimes this occurs in older established trees. This brown edge is common on Japanese maples. Newly planted trees lack sufficient root systems to meet growing demands of the tree. (Japanese maples are stressed by high temperatures.)Water deeply at least once a week to keep soil moist but not wet. Misting the foliage will help. Small trees will benefit from a temporary shade.

Houseplants

Feed houseplants with a liquid or soluble fertilizer once every two weeks. They're growing fast now and need extra nourishment and water. This applies to houseplants growing indoors and those spending the summer outside.

Cuttings

Plants that are easily propagated via cuttings during July and August include azalea, camellia, holly, and pittosporum. Make cuttings 5 to 6 inches long, using the tip growth of stems. Remove lower leaves, but keep two to four leaves on each cutting.

Pittosporum

Treat the base of each cutting with root-inducing hormone powder. This is available at most garden supply stores. Place cuttings in moist sand, vermiculite, or a mixture of both. Keeping a medium-damp cloth over the cuttings is helpful.

Dogwood borers

Dogwood

If borers have attacked the wood of dogwoods, cut them out with a sharp knife. Trim the edges of the wound back to green bark.

Borers attack limbs and the trunk of dogwood trees. They are noticeable by the injured bark and fine boring dust pushed from the burrows.

Further attacks can be prevented by spraying the trunk and lower branches with lindane. Follow instructions on the container. Continue to spray throughout the month of September.

Perennial production

Sow seeds of perennials in pots or flats. In four to six weeks, transplant seedlings into individual pots. When soil begins to dry out, apply water, fertilize plants every other week with a water-soluble fertilizer. Or, add a slow release fertilizer to soil. Plants will be ready to set out in the garden this fall.

Vegetables

Now's the time to get ready for the fall vegetable garden. This means getting soil prepared and vegetable transplants started as soon as possible.

If the garden area was fertilized and planted in the spring for crops already harvested, you'll need very little if any fertilizer. If it's a new garden site, apply two to three pounds of complete fertilizer per 100 square feet. Work fertilizer into the soil.

Vegetable transplants often are difficult to find this time of year at nurseries and garden centers. You may want to grow your own from seed. Allow four to five weeks from time of seeding to setting out young plants.

Water is very important. Water stress in a young plant can reduce yields later on. A light watering three or four times a week may be necessary to keep the soil from becoming dry and crusty.

Among vegetables to plant are tomatoes, eggplants, peppers, potatoes, okra, squash and pole beans. The flavor and quality of many fall vegetables often are superior to those produced in the spring garden.

Good ol' summertime list

1. Continue to water newly planted trees and shrubs twice a week if there is not a good soaking rain.
2. Fertilize blueberries and strawberries with 10 pounds of 10 - 10 - 10 or equivalent per 1,000 square feet.
3. Keep weeds removed to prevent seed formation.
4. Continue to spray and fertilize roses.
5. Make the last application of fertilizer for the growing season of shrubs before the end of July.
6. Keep cutting fescue lawns at the highest setting on the mower.
7. Continue to remove faded blooms from flowers. This leads to more blooms to follow.
8. Fertilize warm-season lawns.
9. Divide daylilies if they have become crowded. Cut back foliage at time of digging.

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Journal

by Owen Bishop

No name tags required at this gathering.

Nebraska picnic draws 23 Ben Nelsons, including one dog

Nebraska Gov. Ben Nelson wasn't content to simply marvel aloud about how often people with the same name become linked together in some fashion. He took matters into his own hands and arranged for such a link: a picnic exclusively for Ben Nelsons.

A total of 23 Ben Nelsons, including one dog, showed up for the May 20 gathering on the capitol grounds in Lincoln. Except for a couple of father-son teams, the Ben Nelsons were not related to one another. However, the dog was named for the governor. The sheltie's owner had worked in the governor's campaign five years ago.

Gov. Nelson organized the Ben Nelson Day picnic because he'd been struck by how many other Ben Nelsons he'd met.

"Everywhere I'd go," he said, "someone would walk up to me and say, 'My name's Ben Nelson too!'"

"We had invited about 50, but some were not able to come," said Diane Gonzolas the governor's media liaison.

The guest list was prepared with the help of the media. After Nebraska's No. 1 Ben Nelson became inspired to throw the party, Gonzolas issued a news release. The Cornhusker media gave it good play, and the story was picked up by the wire service As a result, Ben Nelsons from throughout the country wrote or called the governor's office.

This little saga was playing out as our readers were joining me in sharing tales of personal encounters with same-name links —in the February and June columns. Her are a few more:

Shirley H. Locklear, a clerk with Lumbee River Electric Membership Corporation in Red Springs, came up with quite a list of name duplications in her family: five Michaels, four Jameses, three Lacys, and two of each of the following: Carol, Carolyn, Tony, Kay, Sandra, Richard and Bobbie.

Sheila Earp of Rt. 2, Taylorsville, says she shares her first name with a former sister-in-law. When she was married to the other Sheila's brother, Bobby, Sheila No.2 was also married to a Bobby. After going through a divorce and remarrying, the Taylorsville Sheila now shares her middle name, Denise, with his sister and a sister-in-law.

Meanwhile, Norma Mills Smith of Sanford can feel right at home when her mother's family gets together. Her mother's family tree lists five Smiths and six Millses. Her mother, Christine Smith Mills, was the daughter of Mills Smith and she married Lloyd Mills, whose mother was a Smith. Norma Mills married Bert Smith. Christine Smith Mills' brother Sherod has a daughter who married Hamp Mills. Her brother M.S. married Jean Mills Silas. Other name duplications in the family include two Graces, two Jerrys and two Jeans (plus one Gene).

Kathleen Ducharme of Greensboro wrote to described name links from her work and from her family: "In one place where I worked, the boss, my husband, my supervisor's husband and a delivery driver were all named Jim. In the next place I worked, out of the seven women on staff, four were named Debbie. It get stranger —my youngest son decided to take one of our nine cats off our hands when he moved out. The cat he chose was named Amanda. When he met the woman he would later marry, she had a daughter named Amanda. Needless to say, the cat went to a new home."

Mrs. Ducharme's family includes a son and son-in-law who're both called Bubba. Her daughter is seeing a boy named Bill while her widowed mother has been out with three men named Bi

"If you are still with me, here's the strangest yet. In 1975 we adopted a daughter from Korea. We named her Marieka. Many years later our oldest so became engaged to a women from Austria. Her mother's name was Marieka."

Bertha M. White of Rt. 1, Edenton, points out that the congregation of Rocky Hock Baptist Church includes three women named Maxine Bunch an two named Mary Bass. She offered no tales of duplicate names in her family but she did cite three cases of common birthdays: Her mother and two of her mother's grandsons can all celebrate together on March 14.

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Burma Shave jingles collected in book, "The Verse by the Side of the Road"

Our columns about the Burma Shave highway signs (March and April) inspired Walter D. "Buck" Tatem of Rt. 2, Hobbsville, to inquire about a book he once owned that listed all the jingles used for the humorous signs.

A spokesperson for the American Safety Razor Co., which owns the rights to the Burma Shave name and uses it for several shaving products, said Tatem was probably thinking of "The Verse by the Side of the Road," by Frank Rowsome Jr. It's still available from its New York publisher, the Penguin Group.

Said Tatem: "I would dearly love to see the return of the funny and enjoyable verses. They are far superior to the billboards that clutter the roadsides today."

Answers to

Name _____ County

from page 22

1. bLADen
2. dAVIDson
3. gRAHam
4. cRAVEN
5. jENOir
6. onSLOW
7. oRANGE
8. cHEROkee
9. !REDell
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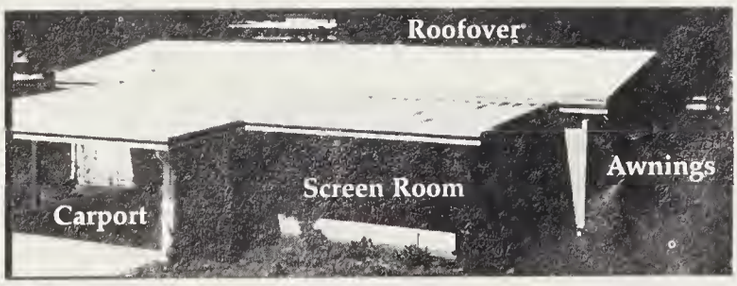

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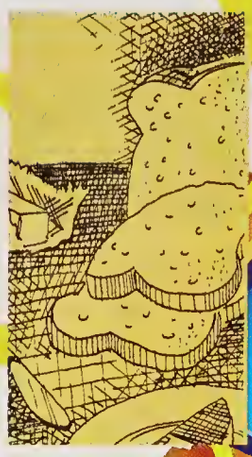

Easy for outdoors.

SHISH KABOB

Submitted by Brenda S. James, Germanton

1 pound flank steak
4 tablespoons soy sauce
2 tablespoons garlic powder
2 tablespoons water
2 tablespoons Texas Pete Hot Sauce
2 tablespoons vegetable oil
1 teaspoon ground ginger
1 green pepper, cut into pieces
fresh mushrooms
cherry tomatoes

Combine water, soy sauce, garlic powder, Texas Pete Hot Sauce, vegetable oil and ground ginger, and mix well. Slice flank steak into thin strips. Marinate steak slices in sauce mixture overnight in refrigerator. Remove from marinade and thread onto 8 to 10 skewers with pepper pieces, mushrooms and tomatoes. Grill about 2 minutes per side or until desired doneness. (Yield: 4 to 5 servings.)

BARBEQUE CHICKEN WITH HOMEMADE SAUCE

Submitted by Evelyne W. Dees, Fayetteville

2-pound fryer chicken, cut in serving pieces
1 ¾ teaspoons salt
⅓ cup butter
¾ teaspoon Worchestershire sauce
¾ teaspoon dry mustard
¾ teaspoon Tabasco sauce
¾ teaspoon black pepper
3 tablespoons vinegar
1 ½ teaspoons chili powder
1 tablespoon catsup
2 teaspoons sugar
⅓ cup water

Place chicken in baking pan. Mix all other ingredients together. Add half of the sauce and cook 45 minutes in a 350-degree oven. Then turn chicken over, add rest of sauce and cook until tender, about 30 minutes.

ORANGE YUMMY

Submitted by Annette Falkenhainer, Waynesville

1 pound cottage cheese
1 small container Cool Whip
1 small can crushed pineapple, drained
1 cup miniature marshmallows
1 small box orange Jello

Mix all ingredients together, orange Jello last. Chill 3 hours. (Any flavor Jello may be used. We just like the orange best.) Can be served as a salad on a lettuce leaf or as a dessert in a pretty glass bowl.

CABBAGE SLAW

Submitted by Kaye Sherrill, Stony Point

1 head cabbage, shredded
1 large onion, sliced thin
(Sprinkle ¾ cup sugar over cabbage and onion and let stand)

Bring to boil:
1 cup white vinegar
1 teaspoon celery seeds
1 teaspoon salt
1 teaspoon prepared mustard
1 teaspoon sugar

Add: ¾ cup oil and bring to boil again. Pour over cabbage and onion. Refrigerate several hours.

CALICO BEANS *("Husband-Pleasing Beans")*

Submitted by Elizabeth Hinson, Concord

Brown: *1 pound hamburger*
Add: *1 chopped onion, cook slightly, drain fat*
Crumble: *6 slices of crisp bacon into hamburger*

Add:
½ cup catsup
½ cup brown sugar
1 teaspoon salt
1 teaspoon dry mustard
2 teaspoons vinegar

Add:
1 can pork & beans
1 can kidney beans
1 can great northern beans
1 can of water

Mix well. Can be baked in oven for 40 minutes at 350 degrees or cooked in a slow cooker for several hours. (Other beans can be used: pinto, navy or your choice.)

Want to share recipes?

If you would like to share a recipe with Country Kitchen, send it to Recipes, Carolina Country, P.O. Box 27306, Raleigh, N.C. 27611.

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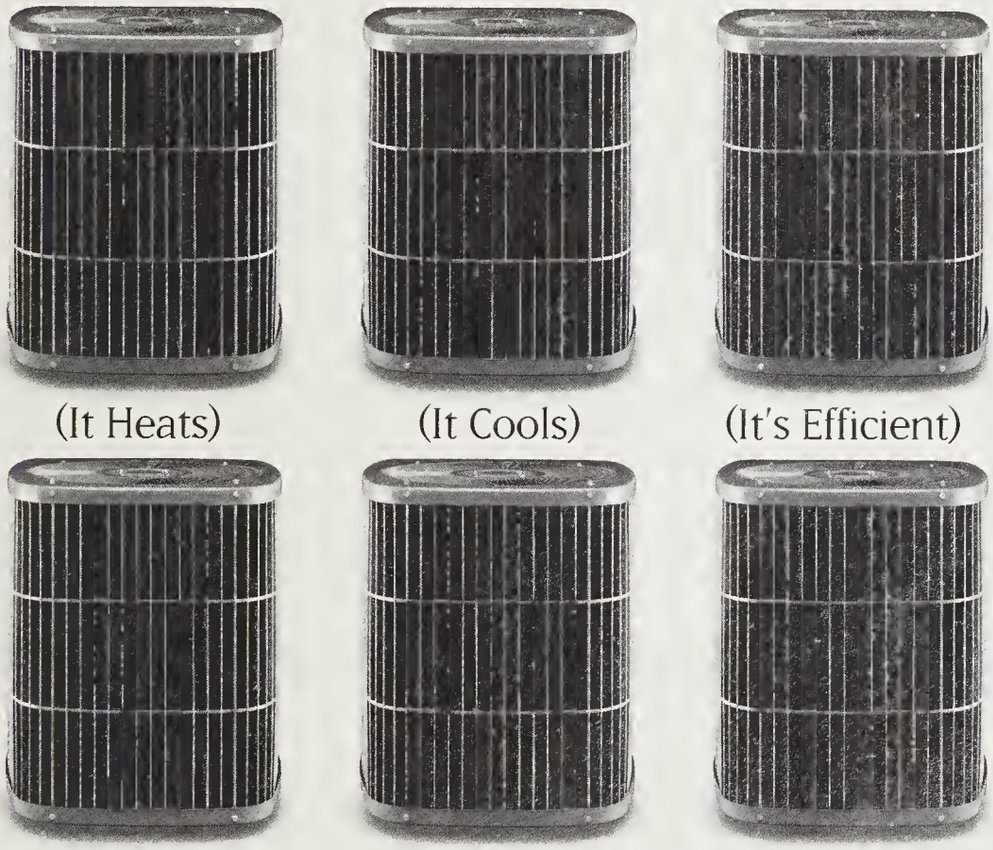

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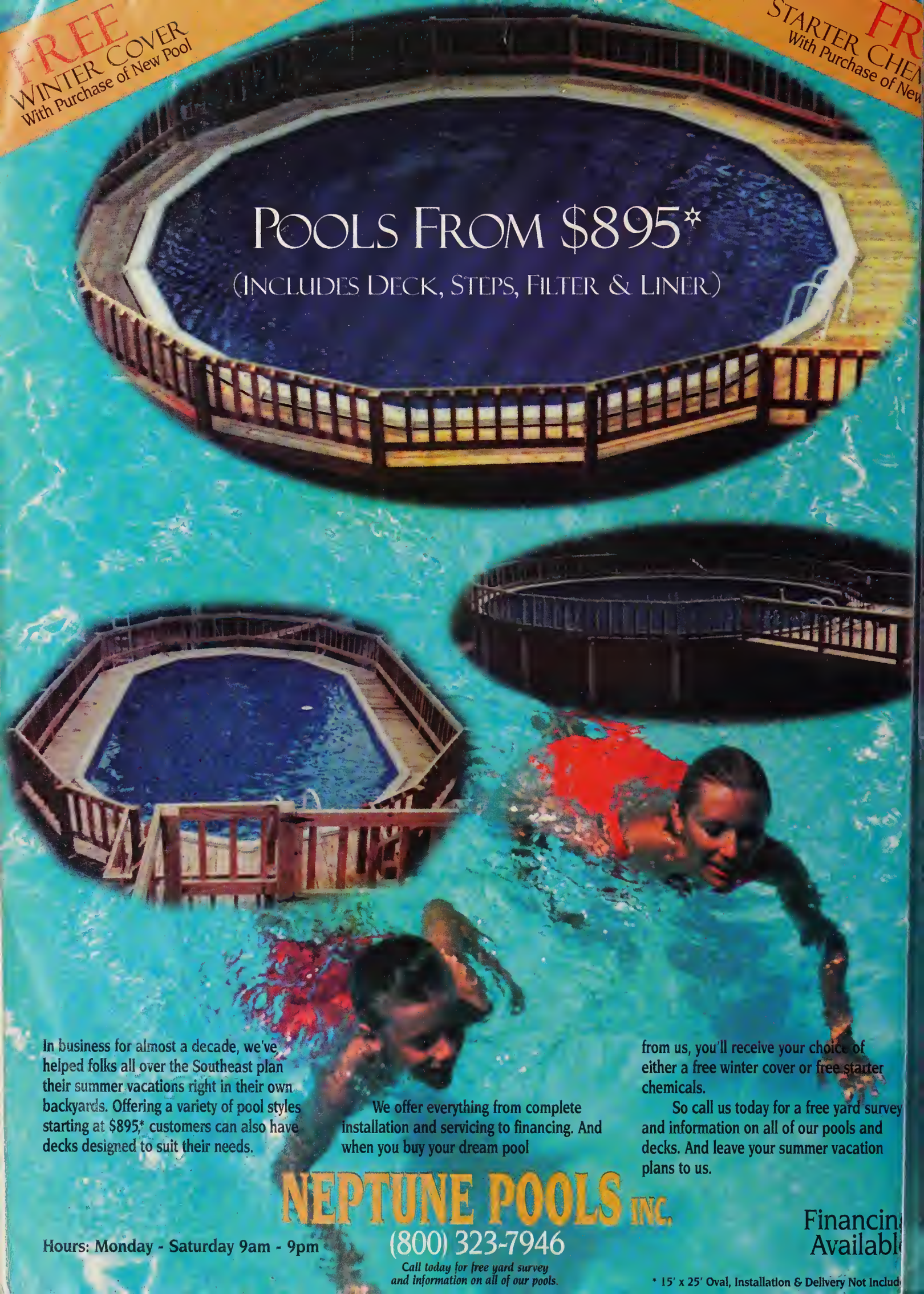

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